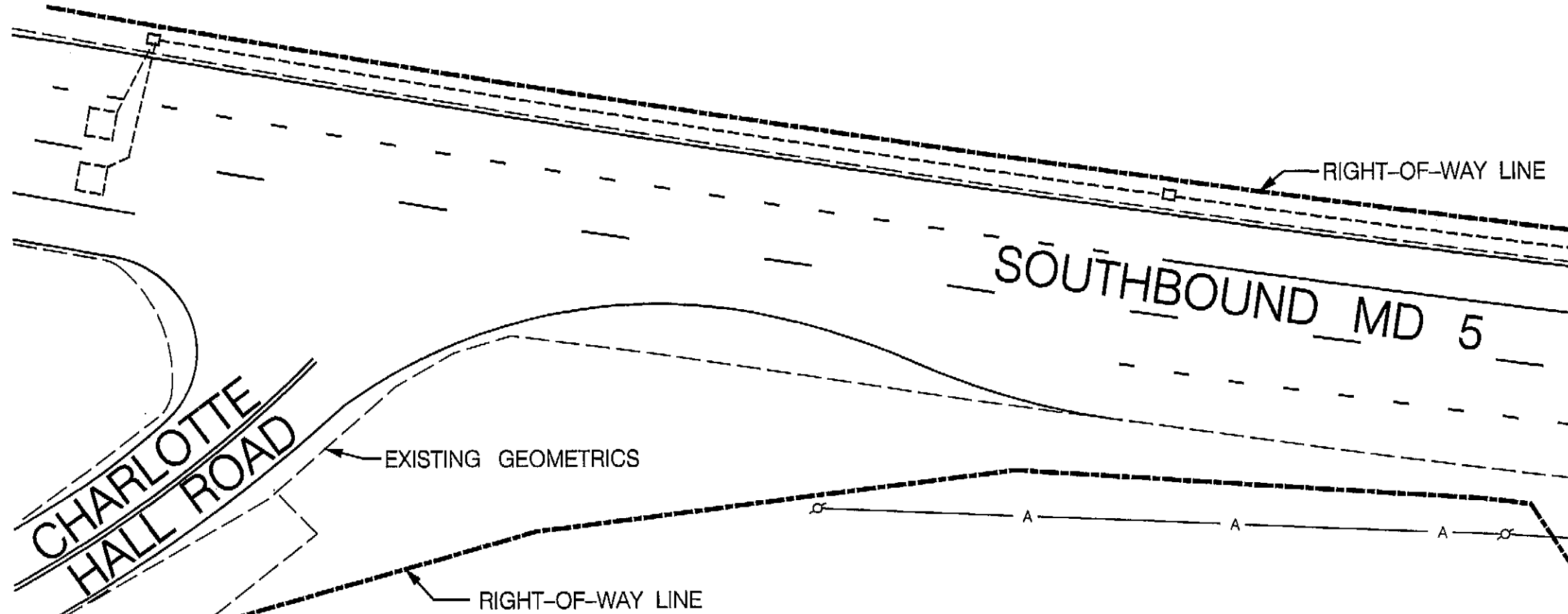
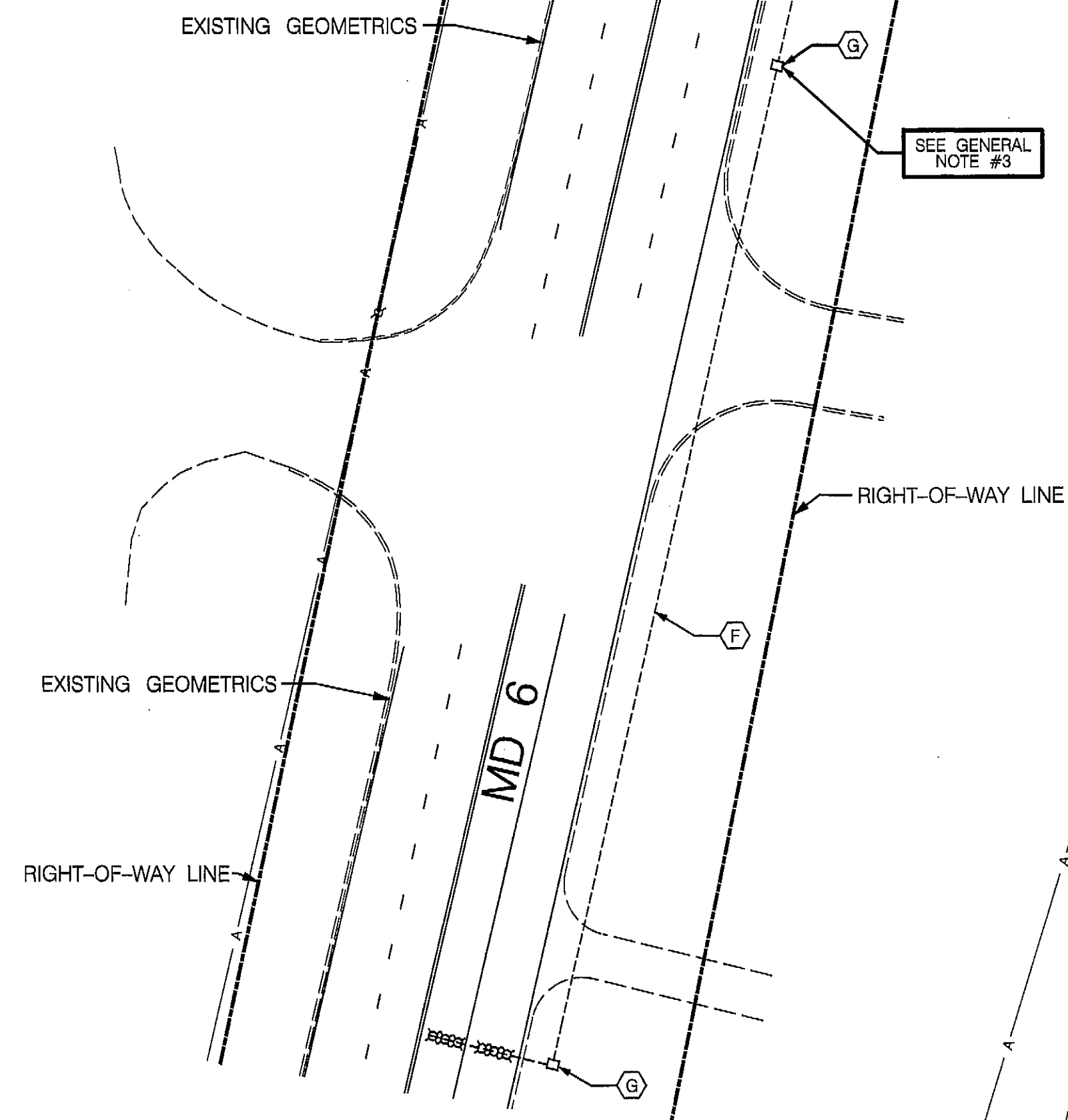


MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



- GENERAL NOTES**
1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
  2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 816.01, MD 816.02, MD 816.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
  3. DISCONNECT EXISTING MICRO-LOOP CABLE FROM THE EXISTING CONTROLLER AT MD 5 & MD 6 AND PULL BACK TO THIS POINT. RE-INSTALL THROUGH NEW CONDUIT TO THE EXISTING BASE MOUNTED CABINET & CONTROLLER AT THIS INTERSECTION.
  4. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
  5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
  6. THE CONTRACTOR SHALL REMOVE ALL UNUSED CABLE.
  7. ALL PAVEMENT MARKINGS DETAILED SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
  8. PRIOR TO INSTALLATION OF SIGNAL FOUNDATION AND POLE, THE CONTRACTOR SHALL VERIFY ADEQUATE CLEARANCE WITH OVERHEAD UTILITIES.

**GEOMETRIC LEGEND**

EXISTING

PROPOSED

**UTILITY LEGEND**

AERIAL CABLE

ELECTRICAL

TELEPHONE

GAS

SEWER

WATER

CABLE TV

**TRAFFIC CONCEPTS, INC.**

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Gambrills, MD 21054  
(410) 923-7101  
FAX: (410) 923-6473  
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

**EXISTING SIGNS**

13 EAST MARYLAND 6 SHIELD ASSEMBLY 24" x 51"

14 WEST MARYLAND 6 SHIELD ASSEMBLY 24" x 51"

20 NORTH MARYLAND 5 SHIELD ASSEMBLY 24" x 51"

22, 24 NORTH MARYLAND 5 SHIELD ASSEMBLY 24" x 51"

25 SOUTH MARYLAND 5 SHIELD ASSEMBLY 24" x 51"

15 New Market Rd D-3(1) VAR 1" x 32"

23 ONLY R3-5T 30" x 36"

21, 26 ONLY R3-5L 30" x 36"

**PROPOSED SIGNS**

16 WEST MARYLAND 6 SHIELD ASSEMBLY 24" x 51"

17 EAST MARYLAND 6 SHIELD ASSEMBLY 36" x 75"

19 SOUTH MARYLAND 5 SHIELD ASSEMBLY 24" x 51"

18 New Mkt Turner Rd D-3(1) VAR 1" x 32"

**EXISTING OPTICOM DETECTOR**

**EXISTING SIGNALS**

1, 2, 9, 10 R Y G 12"

7, 8, 11, 12 R Y G 12" (9M)

**PROPOSED SIGNALS**

3-6 R Y G 12"

**NEMA PHASING**

ø 2 ø 4 ø 6 ø 8

PRE-EMPTION

FLASHING OPERATION

**PHASING NOTES:**

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

- CONSTRUCTION DETAILS**
1. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS AND SIGNS.  
(NOTE: INSTALL 2-3 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BENDS) CUT POLE TO 21 FT. GALVANIZE AND CAP
  2. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
  3. INSTALL ELECTRICAL HANDHOLE
  4. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - BORED
  5. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
  6. USE EXISTING CONDUIT
  7. USE EXISTING HANDHOLE
  8. CAP AND ABANDON EXISTING CONDUIT
  9. REMOVE EXISTING HANDHOLE
  10. INSTALL 5 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
  11. REMOVE EXISTING PAVEMENT MARKING LINE
  12. REMOVE EXISTING SIGNAL POLE AND ALL ATTACHED EQUIPMENT WITH THE EXCEPTION OF THE VIDEO DETECTION CAMERA. THE EXISTING VIDEO DETECTION CAMERA WILL BE RELOCATED AS SHOWN ON NEW MAST ARM
  13. INSTALL 24 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
  14. INSTALL 10 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
  15. RELOCATE EXISTING VIDEO DETECTION CAMERA TO NEW LOCATION AS SHOWN. USE EXISTING WIRING
  16. INSTALL SHIELD ASSEMBLY ON TWO-4 IN. X 4 IN. WOOD SUPPORT
  17. REMOVE EXISTING PAVEMENT MARKING ARROW
  18. REMOVE EXISTING PAVEMENT MARKING "ONLY"

**APPROVALS**

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

**REVISIONS**

7-11-12 RELOCATE SIGNAL POLE DUE TO GEOMETRIC IMPROVEMENTS  
TIMZ JKS 1 AMR 1 SHA NO. BW-996M/2

8-10-10 REPLACE SIGNAL PAVEMENT MARKING DETECTION AND CHANGE LANE ASSIGNMENTS DUE TO GEOMETRIC IMPROVEMENTS  
TIMZ JKS 1 SHA NO. BW-996M/2

1-30-04 ADD VIDEO DETECTION  
BRD NVL CONTRACT NO. AT7245195

**TRAFFIC SIGNALIZATION PLAN**

SCALE 1" = 30' DATE 6-99 CONTRACT NO. \_\_\_\_\_

DESIGNED BY D DISTANCE COUNTY ST. MARY'S

DRAWN BY \_\_\_\_\_ LOGMILE 18000545.49

CHECKED BY \_\_\_\_\_ T.I.M.S. NO. \_\_\_\_\_

F.A.P. NO. NA TOD NO. \_\_\_\_\_

DRAWING NO. TS- 2572 G SHEET NO. 1 OF 2

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